BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

Tender enquiry No.: BESCOM/2023-24/SE0105 date– 12.02.2024

REQUEST FOR PROPOSAL (RFP)

FOR

"Project Management Consultancy services to BESCOM for implementation of Upgradation of DAS in Bengaluru city Project"

SECTION – I

INVITATION FOR BIDDERS (IFB)

ISSUED BY

General Manager (DAS, SG & TIC)

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Section – I
INVITATION FOR BIDDERS

1.1 Introduction

General Manager (DAS, SG & TIC) , BICC-1, 23rd Main, 17th cross, 2nd sector, HSR Layout, Bangalore - 560102, on behalf of Bangalore Electricity Supply Company Limited (BESCOM) is inviting tender for Enquiry No: BESCOM/2023-24/SE0105 date: 12.02.2024 through e-procurement portal (https://kppp.karnataka.gov.in) for "Project Management Consultancy services to BESCOM for implementation of Upgradation of DAS in Bengaluru city Project".

Sl No	Particulars	Details
1	Tender Enquiry Number	BESCOM/2023-24/SE0105 date: 12.02.2024
2	Name of the work	Project Management Consultancy services to BESCOM for implementation of Upgradation of DAS in Bengaluru city Project
3	Amount Put to tender	Rs. 99,50,409.00/- (Rupees Ninety Nine lakhs Fifty Thousand Four Hundred and Nine Only) inclusive of all taxes
4	Tender processing fee	Refer e-procurement website https://kppp.karnataka.gov.in
5	Earnest Money Deposit	Rs 99,504/- (Rupees Ninety Nine Thousand Five Hundred and Four Only)
6	Validity of Tender	180 Days
7	Type of Tender	Two Cover System
TENDER SCHEDULE		
9	Date of availability of Bids in e-procurement portal	13th Feb 2024 from 16:00hrs
10	Last date to submit bid queries	20th Feb 2024 up to 16:00hrs

11	Last date and time for bid submission	28th Feb 2024 up to 16:00hrs
12	Date and time for opening bids	29th Feb 2024 from 16:00hrs
	• Date and Time of opening technical bid	• 29.02.2024 16:00Hours onwards
	• Date and Time of opening of Price Bid	• Will be opened after the Completion of Technical Evaluation.
13	General Terms and Conditions	Refer bid documents
14	Scope of work	Refer bid documents

Tender documents can be downloaded from e-procurement portal https://kppp.karnataka.gov.in free of cost, under login for contractors. The prospective bidders are advised to register their user ID, password, and Company ID from web site

a. Tenders must be accompanied by required EMD which will be paid online through e- procurement portal.
b. Tender must be electronically submitted (on-line through internet) within the date and time published in e-procurement portal.
c. Any clarifications regarding the scope of work of the project can be had from the undersigned during office hours.
d. Any clarifications about e-payment e-mail to helpdesk.blr@gmail.com.
e. BESCOM reserves the right to cancel the bid process or reject all bids without assigning any reason thereof and will bear no liability whatsoever consequent upon such a decision.

1.2 Preamble

BESCOM is implementing "Upgradation of DAS in Bengaluru City" Project which involves,

a) Upgradation of SCADA-DMS-OMS system - It involves design, engineering, development, configuration, FAT, supply, installation, SAT, training, documentation, commissioning, warranty and post warranty services of Distribution Automation System (DAS) Master Stations.
b) Supply, Installation, testing, commissioning and integration of Single panel Breaker (SPB) Type DAS RMU with Remote Terminal Unit (RTU) and required accessories at head end of the 11kV feeders in BBMP limits of Bangalore City.

The implementation period for this project is 18 months, followed by warranty period of two years and post-warranty AMC of three years.

BESCOM intends to avail Project Management Consultancy Services for implementation of "Upgradation of DAS in Bengaluru City" Project.

1.3 Scope of works

The contractor shall provide project management consultancy services of the subject matter experts with definite experience for the duration tabled below.

Sl No.	Particulars	Qty	Period
1	**Consultant 1** SCADA Expert, with more than 15 years of work experience.	1	10 Months
2	**Consultant 2** IT Infrastructure Expert, with more than 10 years of work experience.	1	10 Months
3	**Consultant 3** ADMS Expert, with more than 5 years of work experience.	1	4 Months

The scope of works for the consultants is detailed below,

1 Project management pertaining to regular review and reporting of project initiation, progress, risks, and recommendation on risk mitigation strategies.

2 Assist BESCOM in review and sign-off of following documents submitted by the contractor and highlight deviations, if any.

- 2.1 Resource Mobilization plan, Phase-wise Implementation plan, Technical Architecture Design.
- 2.2 Design documents pertaining to SCADA-DMS-OMS system.
- 2.3 Data base design and existing data migration document.
- 2.4 Drawings, system drawings, equipment drawings, documents for installation of the equipment at site, system reports.
- 2.5 FDS(functional design documents), DRS (Data requirement sheet of all the hardware), Design guides and data sheets of proposed hardware, software and any other proposed third party software as per technical specification requirements

2.6 Test procedures for FAT and SAT, User manuals for control center operations, device profile, points list, equipment integration testing with control center, etc.
2.7 Existing and new external systems integration design and Implementation Document
2.8 Training plans, training documents, Manuals
2.9 Change management, release management and exit management procedures related to project
2.10 Design for Cyber Security Compliance of the system

3 Co-ordinating, defining roles and responsibilities, execution and participation in FAT and SAT.
4 Assistance in declaration of Operational Acceptance and Date of Completion
5 Deliverables:
5.1 Periodic review reports, project progress tracker
5.2 Recommendation on risk mitigation strategies
5.3 Review, recommendation/approval for documentation submitted by contractor listed in Point 2.
5.4 Recommendation / approval for FAT acceptance, SAT acceptance, Operational acceptance, Date of Completion and AMC initiation.

1.4 Qualifying Requirements

The following documentary evidence in respect of qualifying requirements shall be uploaded by the bidder in the form of electronic/ scanned copies in the e-procurement portal by the prospective bidders.

Sl No.	**Qualifying criteria**	**Documents to be uploaded in e-procurement portal**
I	**Technical Requirements**	
1	Bidder shall be a firm registered under Companies Act 1956 / LLP firm registered under relevant Indian Law/ Partnership firms registered under LLP act 2008/ Partnership act 1932.	Bidder should upload documentary proof such as Company Registration Certificate
2	Bidder should have at least 50 full time employees in their consulting division/ business unit on the payroll of Bidder.	Bidder should upload self-declaration from HR Head of the bidder's organization about having at least 50 full time employees in their consulting division/ business unit on the payroll.

Sl No.	Qualifying criteria	Documents to be uploaded in e-procurement portal
3	The bidder should have experience in providing project management consultancy services for projects in Energy Sector.	Work Order and Self-Declaration by the bidder along with relevant documentary justifying the nature of work.
4	Even though the bidder meets all the qualifying criteria, they are subject to be disqualified if they have: i)made misleading or false representations in the forms, statements and attachments submitted in the proof of the qualification requirements; and /or ii)record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or iii)Participated in the previous tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification. iv)Black-Listed due to non-performance in execution of works by any Public Electrical Utility/Govt. utility as on date of bid submission. v)Defaulted/ short closed due to non - performance in execution of works against the order placed any Public Electrical Utility/Govt. utility as on date of bid submission. in the last five years (2018-19 to 2022-23) and up to date of bid submission.	Self-declaration in the prescribed format shall be uploaded by the bidder.

Sl No.	Qualifying criteria	Documents to be uploaded in e-procurement portal
5	A certificate for having read the clauses is required to be submitted/uploaded by the tenderer separately in the following format: "I have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; I certify that this Bidder is not from such a country or, If from such a country, has been registered with the competent Authority. I hereby certify that this Bidder fulfils all requirements in this regard and is eligible to be considered." (Where applicable, evidence of valid registration by the Competent Authority should be attached).	Self-declaration certificate in the prescribed format shall be uploaded by the bidder.
6	Any Bidder from a country which shares a land with India will be eligible to bid in this tender only if the Bidder is registered with the Competent Authority.	Registration certificate issued by the competent authority should be uploaded by the bidder.
II	**Financial Requirements**	
1	Annual Turnover of the Bidder must not be less than Rs.2.38Crores in any one of the three (3) preceding financial years (i.e. 2020-2021, 2021-2022, 2022-2023)	Certified copies of Audited Financial Statements providing the Turnover details for the last Three (3) financial years (i.e. FY 2020-2021, FY 2021-2022, FY 2022-2023). The Audited Financial statement should be in Indian National Rupees.

Sl No.	Qualifying criteria	Documents to be uploaded in e-procurement portal
2	Liquid assets of bidder as on 31.01.2024 or at later date before the last date of submission of technical bid, consisting of cash at bank + Term Deposits + Availability of fund based credit facility in any of the Nationalized Bank or Scheduled Bank shall not be less than Rs.24.87Lakhs/-(Rupees Twenty Four Lakhs and Eighty Seven Thousand Only) The cash at bank and bank deposits as on 31.01.2024 or at later date before the last date of submission of technical bid shall be supported by certificate issued by any Nationalized Bank or Scheduled Bank duly indicating the balance on given date. If bidder is having bank accounts in multiple banks, then the cash at bank, bank deposits and fund based credit facility for the bidder should be on the same date for all the banks.	The cash at bank and term deposits with bank as on 31.01.2024 or at later date before last date of submission of technical bid shall be supported by a letter/certificate issued by Nationalized Bank or Scheduled Bank. The availability of fund based credit facility shall be supported by a letter/certificate issued by any Nationalized Bank or Scheduled Bank with whom the bidder has the banking facility duly mentioning the sanctioned limits, funds utilized so far and balance available as on 31.01.2024 or at later date before the last date of submission of technical bid.

1.5 Responsibilities under the contract

The successful bidder will be responsible for carrying out the work as defined in Section 1.3 Scope of works.

1.5.1 Deliverables by the Consultant:

- Documents prepared by the firm as requested by BESCOM during the month
- Recommendations/ inputs by the firm for the documents shared by BESCOM during the month
- Timesheets with details of work carried out by individual consultant during the month

1.5.2 Timelines for deliverables by the firm:

- Whenever a document/task is submitted for review/preparation and recommendation (either by e-mail or hardcopy), the Consultant shall review/prepare and submit recommendation to BESCOM in an expeditious and timely manner as is consistent with professional

standards, but not exceeding ten days from the date of task submission by BESCOM.

- Timesheets of individual consultant for the month shall be submitted within the first three working days of the subsequent month along with invoices.

1.6 Additional Information

1. The interested eligible Bidders may obtain further information from the office of GENERAL MANAGER, DAS SECTION, BESCOM INTEGRATED CONTROL CENTRE-1, OPP. BWSSB WATER TANK, 2ND SECTOR, 23RD MAIN, 17TH CROSS, HSR LAYOUT, BENGALURU– 560102. Telephone number 080-22586356.
2. Issues on which clarifications are sought by Prospective Bidders shall be submitted in writing to GENERAL MANAGER, DAS SECTION, BESCOM INTEGRATED CONTROL CENTRE-1, OPP. BWSSB WATER TANK, 2ND SECTOR, 23RD MAIN, 17TH CROSS, HSR LAYOUT, BENGALURU – 560102 or by email to gmdas@bescom.co.in on or before the date and time as mentioned in Section 1.1 of this document.
3. The queries shall be reviewed and at any time prior to the deadline for submission of the bid (technical and financial) or extended date, if deemed necessary, BESCOM reserves the right to add/modify/delete any portion of this document by issuing an amendment. The amendment will be issued in e-procurement portal and such amendment will be binding on the bidders. Letters seeking clarifications received subsequent to the mentioned date will not be entertained. Interested Bidders may also submit online queries through the e-Procurement platform and need to mention their firm credentials along with online queries.
4. Verbal clarification and information given by BESCOM or its employee(s) or its representative(s) shall not in any way be binding on BESCOM.
5. Bids are invited and are to be submitted through Electronic Mode only. Bid Notification and bidding documents are available on website https://kppp.karnataka.gov.in
6. Bidders can download tender documents from the e-procurement portal (https://kppp.karnataka.gov.in) from the time mentioned in the schedule in Section 1.1 of this document (free of cost),
7. Last date & time for receipt of Bid is as per the schedule mentioned in Section 1.1 of this document and Technical bid will be opened as per the schedule mentioned in Section 1.1 of this document.
8. In addition, when submitting bids via the e-procurement portal, an e-procurement tender processing fee and Earnest Money Deposit must be paid on the e-procurement portal https://kppp.karnataka.gov.in

1.7 Tender Processing Fee and EMD

1. Tender processing Fee means the non-refundable fee specified by the competent authority (e-Governance) to be paid by the individual Bidder for participation in tenders floated on the Karnataka Public procurement portal.
2. Bids shall be accompanied by Tender Processing Fee, for an amount as mentioned in the e-Procurement platform and EMD for an amount as indicated under shall be paid through any of the four e-payment modes mentioned in the e-procurement Portal.

   The EMD for the tender shall be equal to 1% of Amount put to tender i.e. Rs.99,504/- (Rupees Ninety Nine Thousand Five Hundred and Four only).

3. Permanent EMD holders (if any) for Turnkey Projects with BESCOM are Not exempted from paying the EMD amount. PEMD holders should also pay EMD amount.
4. E-payment modes for Tender Processing Fee and Earnest Money Deposit

   The supplier/contractor should pay the Earnest Money Deposit (EMD) and Tender Fee in the e-Procurement portal using any of the following payment modes:

   i. CREDIT CARD PAYMENT METHOD

   To pay the tender processing fee through your credit card, click on the “Credit Card (Online Payment)” option.
   If you choose to pay the fees later click on “Close” button. Click Pay after verifying details on the screen that appears.
   Click on “Pay” button to proceed with payment process.
   Click “Back” if you wish to choose a different payment method. Click on “OK” button on the payment method confirmation window that is displayed.
   You will choose your card type (VISA, master Card).
   You enter your credit card details.
   Card Details completely filled.
   Click on “PAY NOW” button to effect the payment. Your card details are verified by the payment gateway service and you will receive confirmation of payment debited to your card account if the card is valid. If the card is not valid you will receive alert about it and system will wait for you to correct any errors in the card details provided by you. A successful transaction message is displayed.

   ii. DIRECT DEBIT METHOD

   Click on “Direct Debit Using Internet Banking (Online Payment) option to pay from your bank account through Internet Banking facility.

Click on “Pay” to proceed or “Back” to change the payment method on the Payment details screen.
Click on “OK” on the confirmation window to effect the payment. Click on “Cancel” and then on “Back” to change the payment method.
You will get information on your screen about successful completion of payment process.

iii. OTC PAYMENT PROCEDURE

If a contractor/supplier chooses to make payment of EMD/tender processing fees Over The Counter (OTC) in any of the designated ICICI Bank branches listed in the e-Procurement website (https://kppp.karnataka.gov.in) the contractor/supplier will need to log into e-Procurement system, access the tender for which bid is being created and then select the OTC option under the payment section and print the Challan shown in that section. The printed challan will have the unique bid reference number and the amount to be remitted. Along with the challan, contractor can choose to make the payment either in the form of cash or in the form of Demand Draft. Cheque payments will not be accepted. The contractor is requested to specifically inform the bank officer to input the unique bid reference number printed in the challan in the banking software. Upon successful receipt of the payment, the bank will provide a 16-digit reference number acknowledging the receipt of payment. This 16-digit reference number has to be entered by contractor in the payment section of its bid as payment confirmation before the bid is submitted (i.e.) as a prerequisite for bid submission.

iv. NEFT PAYMENT PROCEDURE

If a contractor/supplier chooses to make payment of EMD/tender processing fees using Reserve Bank of India's (RBI) National Electronic Fund Transfer (NEFT) system, the contractor/supplier will need to log into e-Procurement system, access the tender for which bid is being created and then select the NEFT option under the payment section and print the Challan shown in that section. The printed challan will have the unique bid reference number, account details of Government of Karnataka and the amount to be remitted. The contractor has to submit the printed challan to its bank-branch (NEFT-enabled) and request for an account-to-account transfer, wherein the money will get transferred from the contractors' bank account to GoK’s bank account. The contractor should ensure that NEFT transfer instructions are executed and the funds are wired to the Government of Karnataka's principal account before the last date for bid submission and preferably 24 hours before the last date for bid submission. If the contractor's bank transfers/wires the money after the last date for bid submission, the contractor's bid will be liable for rejection. Upon executing the transfer, the contractor's bank

will provide a reference number generated by NEFT software as confirmation of transfer, which has to be inputted by contractor in the payment section of its bid as payment confirmation before the bid is submitted (i.e.) as a prerequisite for bid submission. Also, the account number from which the funds were transferred has to be input in the e-Procurement system as part of its bid.
For details on e-Payment services refer to e-procurement portal for more details on the process.

Important instructions regarding EMD:

1. The Bid Security (EMD) is required to protect BESCOM against the risk of Bidder's conduct including withdrawing the bid after acceptance for any reason whatsoever, which would warrant the Guarantee forfeiture. The Bid Security shall be made payable to BESCOM without any condition whatsoever.

2. Any Bid not secured in accordance with above point will be rejected summarily by BESCOM as Non-Responsive.

3. EMD will be returned / refunded for the unsuccessful bidders on finalization of the order and EMD of successful bidders will be returned after submission Performance Bank Guarantee by the Successful Bidder to BESCOM.

4. EMD shall be forfeited:

    - If a Bidder withdraws their Bid during the period of Bid validity specified by the Bidder on the Bid Form or if a Bidder does not accept the corrections to arithmetical errors identified during preliminary evaluation of his bid

    - In case of a successful Bidder, if the Bidder fails:

        i. To sign the Contract,
        OR

        ii. To furnish the Performance Bank Guarantee in the prescribed format.

5. No interest shall be payable by BESCOM on the above Bid Security.

1.8 Bid Details

1. Bids shall be submitted in two parts viz., (1) Techno-Commercial Bid and (2) Price Bid both on Electronic Mode only. Manual bids will not be accepted.
2. Separate document files have been specifically created for uploading the qualifying documents such as Performance Certificate, Power of Attorney in favor of all the persons signing the documents, Audited

financial statements, Certificate of Incorporation of all the participating companies in case of Registered Companies/ Partnership deed in case of Partnership Firm/ CST registration or KST registration or Pan Card, No Deviation Certificate, Letter of Undertaking for Bid validity, Self-declaration on Border sharing nation, techno-commercial sheets etc. These qualifying documents are to be uploaded to the respective files only, IF ANY OF DOCUMENTS ARE UPLOADED TO THE FILE OTHER THAN THE SPECIFIED FILES, SUCH DOCUMENTS WILL NOT BE CONSIDERERD FOR EVALUATION. If any the documents are not applicable to a particular Bidder, then such Bidders have to upload a document stating "Not Applicable". The other documents if any which needs to be uploaded by the Bidder for which no specific files have been created to substantiate or to meet the requirements of the Bids, such additional documents may be uploaded in the folder named as "Additional Documents" in the e-Procurement portal.

3. Bids will be evaluated enquiry wise.
4. Bidders can upload the bids on to e-procurement portal on or before the schedule mentioned in Section-1.1 of this document.
5. Techno-Commercial Bids will be opened as per the schedule mentioned in Section-1.1 of this document.
6. Price Bids of those Bidders whose Techno-Commercial Bids are found Responsive, will only be opened at a later date under intimation to the Qualified Bidders, either by regular mail or by e-mail.
7. Price Bids of Non-Responsive Bidders will not be opened.
8. The Bidders shall provide proof of their credentials in support of their Technical capacity, financial strength and past experience. All the performance certificates shall be issued by an officer not below the rank of an Executive Engineer of Govt Dept, Electrical Utility or Electricity Distribution Company in India.
9. BESCOM takes no responsibility for delay, due to any cyber or any other computer related problems or portal delay. Further, BESCOM reserves the right to reject any or all the Bids without assigning any reasons thereof and shall bear no liability whatsoever consequent upon such a decision.

1.9 Important Information

1. Bidders shall note that BESCOM may not award the work to the successful bidder, if in the opinion of BESCOM based on its experience the firm may not perform well in execution of work and may delay in execution because of its existing works on hand.
2. If in the event of information furnished by the bidders is found to be false at any stage of tendering, BESCOM at its discretion may take action against such Bidders, disqualifying the offer of such Bidders and black list the firm. If in the event of information furnished by Bidder is found to be false during the execution stage, then BESCOM at its liberty may take action to cancel the works awarded besides

forfeiting the performance guarantee executed against the contract and may black list the firm and recover the losses and levy liquidated damages.

3. If after negotiations, no award has been given to other bidders, then BESCOM reserves the right to take appropriate decision regarding the award.
4. Before Bidding for the above works, Bidder shall fully familiarize himself with the site conditions and general arrangements, etc. Though BESCOM shall endeavour to provide the information, it shall not be binding for BESCOM to provide the same. The Bidders are advised to visit the Site and acquaint themselves with the Existing system, its interfaces and Design Philosophy. Bidders shall be fully responsible for providing all Equipment, Materials, System and Services specified in their Scope or otherwise which are required to complete the scope of work and successful Commissioning of the work in all respects in this Tender. Non- familiarity with the site conditions will not be considered for extra Claims and for not carrying out the Work in strict conformity with Drawings and Specifications.
5. Notwithstanding anything stated above or elsewhere in the Tender specifications, BESCOM reserves the right to assess the Capability / suitability of the Bidder to perform the overall Contract should the circumstances warrant such assessment in the overall interest of BESCOM.

BESCOM reserves its right to vary or modify any of the tender condition for reasons to be recorded, in case it becomes necessary.

Note: Please refer Instructions to bidders for documents to be uploaded.

Sd/-
General Manager,
DAS, BESCOM